



# Synthetic Color Guide (Dyes)

PRODUCT	SHADE	OTHER NAMES	E.E.C. NO.	FORM(S)	21 CFR SECTIONS	SOL	ACID STABILITY			
							PH 3	PH 5	PH 7	PH 8
FD&C Red No. 3		Erythrosine C.I. 45430	E 127	Liquid, Powder, Granule	74.303; 74.1303	WS	Insoluble	Insoluble	Excellent	Excellent
FD&C Red No. 40		Allura Red C.I. 16035	E 129	Liquid, Powder, Granule	74.340; 74.1340; 74.2340	WS	Excellent	Excellent	Excellent	Excellent
FD&C Yellow No. 5		Tartrazine C.I. 19140	E 102	Liquid, Powder, Granule	74.705; 74.1705; 74.2705	WS	Excellent	Excellent	Excellent	Excellent
FD&C Yellow No. 6		Sunset Yellow C.I. 15985	E 110	Liquid, Powder, Granule	74.706; 74.1706; 74.2706	WS	Excellent	Excellent	Excellent	Excellent
FD&C Blue No. 1		Brilliant Blue FCF C.I. 42090	E 133	Liquid, Powder, Granule	74.101; 74.1101; 74.1101	WS	Good	Very good	Very good	Very good
FD&C Blue No. 2		Indigo Carmine C.I. 73015	E 132	Liquid, Powder, Granule	74.102; 74.1102	WS	Fair	Fair	Poor	Very poor

# Synthetic Color Guide (Lakes)

PRODUCT	SHADE LOW DYE	SHADE HIGH DYE	FORM	OTHER NAMES	E.E.C. NO.	21 CFR SECTIONS	SOL	LIGHT STABILITY	HEAT STABILITY
FD&C Red No. 3 Lake Colors (Not permitted in U.S.)			Powder, Dispersion	Erythrosine C.I. 45430	E 127	74.303; 74.1303	WD OD	Fair	Excellent
FD&C Red No. 40 Lake Colors			Powder, Dispersion	Allura Red C.I. 16035	E 129	74.340; 74.1340; 74.2340	WD OD	Excellent	Good
FD&C Yellow No. 5 Lake Colors			Powder, Dispersion	Tartrazine C.I. 19140	E 102	74.705; 74.1705; 74.2705	WD OD	Excellent	Very Good
FD&C Yellow No. 6 Lake Colors			Powder, Dispersion	Sunset Yellow C.I. 15985	E 110	74.706; 74.1706; 74.2706	WD OD	Very Good	Good
FD&C Blue No. 1 Lake Colors			Powder, Dispersion	Brilliant Blue FCF C.I. 42090	E 133	74.101; 74.1101; 74.2101	WD OD	Very Good	Excellent
FD&C Blue No. 2 Lake Colors			Powder, Dispersion	Indigo Carmine C.I. 73015	E 132	74.102; 74.1102;	WD OD	Poor	Very Good